

Title (en)  
EOL-detection with integrated electrode interrogation

Title (de)  
EOL-Erkennung mit integrierter Wendelabfrage

Title (fr)  
EOL-détection avec une interrogation d'électrode intégrée

Publication  
**EP 1343359 A3 20040421 (DE)**

Application  
**EP 03003547 A 20030217**

Priority  
DE 10209620 A 20020305

Abstract (en)  
[origin: EP1343359A2] A discharge lamp (1) end of life monitoring circuit has microcontroller (7) measurement of the DC voltage across the electrodes (2, 3) with an offset voltage (10) connected using the voltage divider (4, 5) and a reference voltage (12) applied to the electrodes.

IPC 1-7  
**H05B 41/298**

IPC 8 full level  
**H05B 41/298** (2006.01)

CPC (source: EP US)  
**H05B 41/2985** (2013.01 - EP US)

Citation (search report)

- [XY] US 6008592 A 19991228 - RIBARICH THOMAS J [US]
- [YA] EP 0794691 A2 19970910 - DENSO CORP [JP]
- [A] US 5808422 A 19980915 - VENKITASUBRAHMANIAN SREERAMAN [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 437 (E - 826) 29 September 1989 (1989-09-29)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1343359 A2 20030910; EP 1343359 A3 20040421; EP 1343359 B1 20110601**; AT E511742 T1 20110615; CA 2420816 A1 20030905; CN 1443030 A 20030917; CN 1443030 B 20100421; DE 10209620 A1 20030925; US 2003168995 A1 20030911; US 6646390 B2 20031111

DOCDB simple family (application)  
**EP 03003547 A 20030217**; AT 03003547 T 20030217; CA 2420816 A 20030304; CN 03110542 A 20030305; DE 10209620 A 20020305; US 37889503 A 20030305